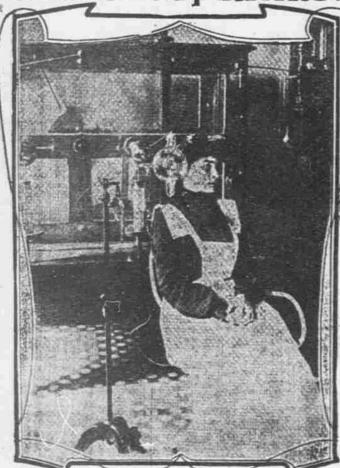
THE SUNDAY REPUBLIC POSTER GIRL.

This new poster, if mounted carefully, will make a most attractive picture for "den" or library. Cut out the picture along the heavy lines and paste it onto red or green posterboard. A board 12x15 inches is large enough and can be procured at a slight cost. Ordinary cardboard may be used as a substitute.



Elitera-violet Rays for Everybody.

The Mount Bleyer process by which the rays can be produced and used on patients.



Patients face exposed to Ultra-violet rays wall'TEN FOR THE SUNDAY BEST BLUC. The precious ultra-visies tags, for which we much is channel in medicine, may now be obtained at a reasonable price.

An apparatus has been devised recently by Dector J. Mount Heyer of New York, which it is believed brings this remarkable consumption cure within the reach of all. WRITTEN FOR THE SUNDAY BESTUELD.



colors of the spectrum to contaminate it. and it will unquestionably prove of incstimable value in the treatment of tuber-culosis of the skin: "These ultra-violet rays which I gener-

ate within the Crookes tube seem to have a for more penetrating quality than these of the arc light or those of the other lamps which I have particularly examined. I find that they show their presence in full strength whether glass is interposed between the fluorescent materials

RAYS IN VACUUM ARE NOT OBSTRUCTED.

"These rays in vacuum do not allow themselves to be obstructed. I can even photograph my watch, or any other object, suspended before a platinocyanide screen, by shading the rays upon it in a dark room. This certainly shows that the special ultra-violet, rays pass through giass, and I consider it a fine test for

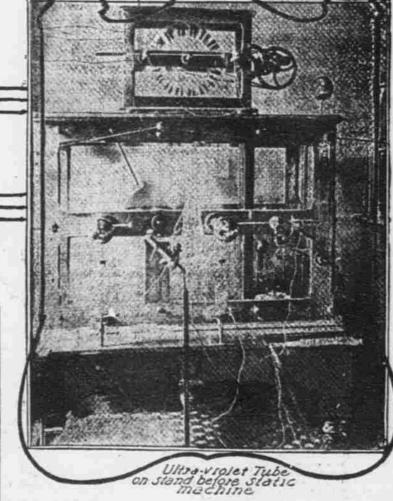
their penetrating quality." Without any appreciable variation in the degree of vacuity or difference in the placing of the poles, Doctor Bleyer's tuber, as shown in his demonstrations, are of various shapes and sizes.

For the treatment of external diseases,

cause of the greater degree of intensity in the artificial light.

"If we as a community sincerely desire to know hout the tubercular germ we must give the patient plenty of light. If we can-not arrange for hospitals with floods of amiliarly and an unlimited supply of fresh sunlight and an unlimited supply of fresh aunlight and an unlimited supply of fresh sir we must bathe the patient's lungs daily with light from the arc lamp, which is sunight intensitied, until the germs are killed. Both the light from the sun and the light from the arc lamp contain, along with the other colors of the spectrum, the ultra-violet rays. My new Crookes tube, as I have shown, produces these subtle rays alone, with no hint of any other colors."

It is now a question whether the Noble prize of \$50,000, as a reward for contribu-tions to surgery and medicine, which went to Denmark, should not have come to



American Substitutes for Tea Gown in the Orient.

mountain palates as a substitute for tea.

Thoreau, in "The Maine Woods." tells of his Indian guide bringing it into camp one night and recommending it as the best of all substitutes for tea. "It has a slight checkerberry flavor," he records, "and we both agree that it was better than the black tea we had brought. We thought it a discovery and that is might be dried and sold in the shops."

Better known as a tea plant is the Labrador tea, or the ledum latifolis of the

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